

Proven Performance for Weighing Over-the-Road Trucks



POWERCELL Accuracy

POWERCELL® PDX® load cells save you money by providing the most accurate vehicle weighing in the industry. A built-in microprocessor maintains accuracy by compensating for temperature changes and other environmental factors that cause weighing errors in conventional load cells.



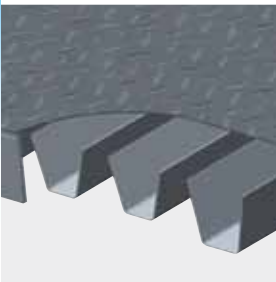
High Reliability

POWERCELL® PDX® load cells reduce downtime and maintenance costs. Their unique network eliminates the junction boxes that are the biggest source of problems for most technologies. A predictive diagnostics system monitors load-cell performance and verifies the network's health.



Lightning Protection

The specially designed StrikeShield™ lightning protection system helps prevent costly downtime by using multiple levels of protection to safeguard your entire scale system: load cells, cables, and terminal. It is the only system that has withstood multiple lightning strikes in tests by third-party laboratories.



Orthotropic Design

Model 7560SD handles the forces generated by normal truck traffic, distributing concentrated loads more effectively than standard I-beam deck structures. The robust orthotropic design is similar to those used on the Golden Gate Bridge and other heavily travelled highway bridges around the world.



7560SD Truck Scale

The 7560SD truck scale has proven its ability to weigh over-the-road trucks reliably. Its steel-deck driving surface is supported by continuously welded orthotropic ribs that are pressure tested to ensure an airtight seal. This design eliminates the potential for rusting from the inside, unlike scale designs that sandwich beams between top and bottom plates using intermittent welds. The durable weighbridge is capable of standing up to truck traffic over a long service life. It is suitable for new installations and as a replacement that will fit into existing foundations for 7560 and TRUCKMATE II scales.

7560SD Truck Scale

Steel Deck Weighbridge

Specifications	
Deck Plate Thickness	5/16 in (8 mm)
End Plate Thickness	3/4 in minimum (19 mm)
Rib Thickness	1/4, 3/8 in (6, 10 mm)
Rib Height	8-1/8 in (206 mm)
Number of Ribs	7
Module Lengths	15, 17.5 ft (4.6, 5.3 m)
Scale Widths	9 ft 10 in, 11 ft (3, 3.3 m)
Scale Lengths	15 to 140 ft (4.6 to 42.7 m)
Profile	11.5 in (292 mm), 1/4-in shims nominal
Usage	50,000 trucks per year (average 200 trucks per day)
Capacity*	70,000 lb (scale lengths ≤ 17.5 ft) 120,000 lb (scale lengths > 17.5 ft, < 60 ft) 200,000 lb (scale lengths ≥ 60 ft)
Foundation Types	Variable Footer, Beam Slab, 2-ft Pit, 4-ft Pit
eMin	20 lb (10 kg)
nMax	10,000 divisions
NTEP Handbook 44 Tested: Concentrated Load Capacity	60,000 lb (27,215 kg)
NTEP Certificate	88-243A4

*Note: 200,000 lb is the maximum gross capacity that any truck scale can have and still maintain 20-lb increments in legal-for-trade applications.

Features	Benefits
50t POWERCELL® PDX® Load Cells	Stainless steel load cells provide highest accuracy and reliability (IP68/IP69K).
StrikeShield™ Lightning Protection	Protects your system from lightning damage.
International Intergard® Finish	Protects steel against corrosion even in the harshest environments.
Top Access to Load Cells	Makes it easy to perform inspections and maintenance.



Scale Terminals



Remote Displays



Software



Unattended Terminals

Options

- Scale Terminals
- Remote Displays
- DataBridge™ Vehicle Scale Software
- Unattended Driver Terminals
- High-Clearance Risers
- Manholes
- Side Rails
- Dolly Landing Pads
- Blow-By Shields

Applications

For weighing over-the-road vehicles in a variety of applications, including:

- Solid Waste
- Ports
- Forest Products
- Bulk Foods
- Agriculture
- Aggregates
- Scrap Metals
- Utilities
- Chemicals
- Dairy



Produced in a facility that is



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